

Storm Data and Unusual Weather Phenomena - September 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ILLINOIS, Central				
CASS COUNTY --- ARENZVILLE [39.87, -90.37]				
	09/02/10 14:20 CST		0	Hail (1.00 in)
	09/02/10 14:21 CST		0	Source: Public
CASS COUNTY --- 2.1 S PHILADELPHIA [39.89, -90.12]				
	09/02/10 14:47 CST		0	Hail (1.00 in)
	09/02/10 14:48 CST		0	Source: Mesonet
CASS COUNTY --- 1.8 S VIRGINIA [39.92, -90.22], 5.3 S VIRGINIA [39.87, -90.23], 1.4 ESE ASHLAND [39.87, -89.99], 5.2 ENE GURNEY [39.96, -90.00]				
	09/02/10 15:30 CST		0	Flash Flood (due to Heavy Rain)
	09/02/10 23:30 CST		0	Source: Mesonet
Heavy rainfall rates of 2.00 to 2.50" per hour for nearly 90 minutes resulted in flash flooding across southern Cass County. Most rural roads were impassable due to the heavy rain.				
SANGAMON COUNTY --- 0.7 NW SOUTHLAWN [39.76, -89.61]				
	09/02/10 15:45 CST		30K	Thunderstorm Wind (EG 52 kt)
	09/02/10 15:50 CST		0	Source: Mesonet
Several large trees were snapped near I-55 and Stevenson Drive. A tree was blown onto a house on East Lake Shore Drive.				
MENARD COUNTY --- 4.0 WNW TALLULA [39.96, -90.00], 1.8 ENE TICE [39.99, -89.77], 3.9 SSW ATHENS [39.90, -89.77], 3.9 WSW TALLULA [39.90, -89.99]				
	09/02/10 16:45 CST		0	Flash Flood (due to Heavy Rain)
	09/02/10 23:30 CST		0	Source: COOP Observer
Heavy rainfall rates of 2.00 to 2.50" per hour for nearly 90 minutes resulted in flash flooding across southern Menard County. Most rural roads were impassable due to the heavy rain.				
SANGAMON COUNTY --- 6.0 W SPRINGFIELD [39.80, -89.76]				
	09/02/10 16:46 CST		0	Hail (0.75 in)
	09/02/10 16:47 CST		0	Source: Trained Spotter
MCLEAN COUNTY --- BLOOMINGTON [40.48, -88.98]				
	09/02/10 17:19 CST		0	Hail (0.75 in)
	09/02/10 17:20 CST		0	Source: Trained Spotter
MCLEAN COUNTY --- 1.3 E BLOOMINGTON [40.48, -88.96]				
	09/02/10 17:20 CST		50K	Lightning
	09/02/10 17:21 CST		0	Source: Newspaper
A lightning strike occurred in the 300 block of St. Joseph Drive in Bloomington. The resulting fire caused approximately \$50,000 in damages to the roof of a physician's office building.				
MCLEAN COUNTY --- BLOOMINGTON [40.48, -88.98]				
	09/02/10 17:20 CST		25K	Thunderstorm Wind (EG 52 kt)
	09/02/10 17:25 CST		0	Source: Emergency Manager
Numerous powerlines were blown down in the city of Bloomington.				
MCLEAN COUNTY --- 1.6 ENE BLOOMINGTON [40.49, -88.95]				
	09/02/10 17:23 CST		0	Hail (1.00 in)
	09/02/10 17:24 CST		0	Source: Emergency Manager
CHRISTIAN COUNTY --- 1.8 S ILLIOPOLIS [39.82, -89.25], 2.4 N BOLIVIA [39.76, -89.34], 0.4 SE BOLIVIA [39.73, -89.34], 1.7 WNW OSBERNVILLE [39.76, -89.21], 4.3 N OSBERNVILLE [39.81, -89.18], 2.8 SSE ILLIOPOLIS [39.81, -89.23]				

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	09/02/10 17:30 CST		0	Flash Flood (due to Heavy Rain)
	09/03/10 00:00 CST		0	Source: Law Enforcement

Heavy rainfall rates of 2.00 to 2.50" per hour for nearly two hours resulted in flash flooding across northern Christian County. Most rural roads in and near the town of Mount Auburn were impassable due to the heavy rain.

SANGAMON COUNTY --- 4.5 WNW PLEASANT PLAINS [39.90, -89.99], 2.2 NE SALISBURY [39.90, -89.77], 5.7 ESE LANESVILLE [39.82, -89.25], 2.6 E BUCKHART [39.75, -89.40], 6.0 SW PLEASANT PLAINS [39.80, -89.99]				
	09/02/10 17:30 CST		0	Flash Flood (due to Heavy Rain)
	09/03/10 00:00 CST		0	Source: COOP Observer

Heavy rainfall rates of 1.50 to 2.00" per hour for nearly 90 minutes resulted in flash flooding across northern Sangamon County, including the city of Springfield. Most roads and viaducts were impassable due to the heavy rain. Maximum rainfall totals reached 3.00 inches along the Sangamon River in eastern parts of the county.

MACON COUNTY --- ELWIN [39.78, -88.98]				
	09/02/10 18:05 CST		30K	Thunderstorm Wind (EG 52 kt)
	09/02/10 18:10 CST		0	Source: Emergency Manager

A tree was blown onto a house in Elwin. In addition, numerous tree limbs and powerlines were knocked down.

MACON COUNTY --- 2.3 ENE KNIGHTS [39.81, -88.94]				
	09/02/10 18:10 CST		25K	Thunderstorm Wind (EG 52 kt)
	09/02/10 18:15 CST		0	Source: Emergency Manager

Several tree tops were ripped off and powerlines were blown down in the South Shores area of Decatur.

CHRISTIAN COUNTY --- 0.5 N KINCAID [39.59, -89.42]				
	09/02/10 18:15 CST		8K	Thunderstorm Wind (EG 52 kt)
	09/02/10 18:20 CST		0	Source: Emergency Manager

A tree was blown onto a house in Kincaid at the 300 block of West Elm Street.

SANGAMON COUNTY --- 2.8 NNW LOWDER [39.59, -89.87], 2.9 NE PAWNEE [39.61, -89.54], 0.5 SSW ZENOBIA [39.52, -89.53], 2.1 SSW LOWDER [39.52, -89.87]				
	09/02/10 19:30 CST		0	Flash Flood (due to Heavy Rain)
	09/03/10 02:00 CST		0	Source: Newspaper

Heavy rainfall rates of 2.00 per hour for nearly two hours resulted in flash flooding across southern Sangamon County. Most rural roads were impassable due to the heavy rain. Nearly three feet of standing water flooded the football and baseball fields at Pawnee High School.

CHRISTIAN COUNTY --- 2.6 NW SICILY [39.61, -89.54], 1.4 ENE ASSUMPTION [39.53, -89.02], 3.6 SE PANA [39.35, -89.03], 0.5 N HARVEL [39.36, -89.53]				
	09/02/10 20:30 CST		0	Flash Flood (due to Heavy Rain)
	09/03/10 04:00 CST		0	Source: COOP Observer

Heavy rainfall rates of 2.00 to 2.50" per hour for nearly two hours resulted in flash flooding across the southern half of Christian County, including the city of Taylorville. Most roads were impassable due to the heavy rain. Maximum rainfall amounts reached 4.00 to 5.00 inches in southeast and eastern parts of the county from Assumption to Pana.

COLES COUNTY --- 4.6 WSW COOKS MILLS [39.55, -88.47], 2.8 W ETNA [39.38, -88.47], 1.8 NNE CAMPBELL [39.42, -88.20], 2.1 SW FAIRGRANGE [39.56, -88.20]				
	09/02/10 21:00 CST		0	Flash Flood (due to Heavy Rain)
	09/03/10 04:00 CST		0	Source: Mesonet

Heavy rainfall rates of 1.00 to 1.50" per hour for nearly three hours during the late evening resulted in flash flooding across western Coles County. Parts of state highway 16 and 121 had nearly a foot of water flowing over them, and most rural roads in the county were impassable due to the heavy rain. Significant street flooding was also reported in Mattoon. Maximum rainfall amounts ranged from 3.00 to 4.00 inches.

MOULTRIE COUNTY --- 4.3 SW KIRKSVILLE [39.52, -88.72], 1.0 S SULLIVAN J WOOD ARPT [39.51, -88.62], 3.1 SSE BRUCE [39.48, -88.59], 4.5 W GAYS [39.45, -88.59], 1.6 E GAYS [39.45, -88.47], 1.8 NNE COLES [39.55, -88.47]				
	09/02/10 21:00 CST		0	Flash Flood (due to Heavy Rain)
	09/03/10 04:00 CST		0	Source: Law Enforcement

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Heavy rainfall rates of 1.00 to 1.50" per hour for three hours during the late evening resulted in flash flooding across southern Moultrie County. Parts of state highway 16, 32 and 121 had nearly a foot of water flowing over them, and most rural roads in the county were impassable due to the heavy rain.				
SHELBY COUNTY --- 6.4 S MOWEAQUA [39.53, -89.02], 1.7 E FINDLAY [39.52, -88.72], 5.4 NNW WINDSOR [39.51, -88.62], 3.3 NNE WINDSOR [39.48, -88.59], 1.5 NNE WINDSOR [39.45, -88.59], 4.2 NE SEXSON CORNER [39.45, -88.47], 2.9 ESE SEXSON CORNER [39.38, -88.47], 3.7 SW TOWER HILL [39.35, -89.03]				
	09/02/10 21:00 CST		0	Flash Flood (due to Heavy Rain)
	09/03/10 04:00 CST		0	Source: Law Enforcement

Heavy rainfall rates of 1.00 to 1.50" per hour for three hours in the late evening resulted in flash flooding across the northern half of Shelby County. State highway 16 and 128 both had nearly a foot of flowing water, and most other rural roads were impassable due to the heavy rain.

Thunderstorms developed along an outflow boundary across west-central Illinois during the afternoon of September 2nd into the early morning hours of September 3rd. A moderately unstable airmass and an approaching upper level disturbance resulted in a few severe thunderstorms with large hail and damaging wind gusts. In addition, locally heavy rainfall of between 2 and 5 inches was common with the storms, which produced areas of flash flooding.

WOODFORD COUNTY --- EUREKA [40.72, -89.27]				
	09/21/10 14:15 CST		0	Hail (0.75 in)
	09/21/10 14:16 CST		0	Source: Emergency Manager

WOODFORD COUNTY --- EUREKA [40.72, -89.27]				
	09/21/10 14:15 CST		0	Hail (0.88 in)
	09/21/10 14:16 CST		0	Source: Law Enforcement

WOODFORD COUNTY --- 0.7 SSW ROANOKE [40.79, -89.21]				
	09/21/10 14:25 CST		0.17M	Thunderstorm Wind (EG 61 kt)
	09/21/10 14:26 CST		0	Source: Emergency Manager

Eight large 64,000 volt powerlines were blown down on the south edge of Roanoke, causing approximately \$170,000 in damages. As a result, the entire town lost power from 3:30 PM to around 7 AM the next day.

WOODFORD COUNTY --- ROANOKE [40.80, -89.20]				
	09/21/10 14:25 CST		0	Hail (0.75 in)
	09/21/10 14:26 CST		0	Source: Emergency Manager

A large cluster of showers and thunderstorms developed across Iowa and northern Missouri in advance of a cold front during the afternoon of September 21st. Isolated thunderstorm cells developed ahead of the main area of convection across west-central Illinois, with many of them producing gusty winds and small hail. One storm produced a microburst with damaging winds in excess of 70 mph near Roanoke in Woodford County.